

Mathematics 361: Number Theory Term Project

Find one or more topics in number theory, or closely related to number theory, that interest you, and talk with me to get approval for at least one of them as the subject of your project. For a list of past topics, see

<http://people.reed.edu/~jerry/361/projects/projects.html>

A project on a topic that hasn't been approved will not be accepted and will receive no credit.

Once you have an approved topic, read about it from various sources, talking with me or with others about it as well if you wish, and then write a seven to twelve double-spaced page (plus bibliography) exposition about it. Your paper should narrate a story about your topic rather than attempt to prove everything in core-dump mode, but on the other hand it should prove at least one thing. Check in with me weekly to discuss how things are going, and we might choose together to modify the scope or emphasis of your project.

The work is due at 5pm on Wednesday of finals week, in the form of a pdf emailed to me. *No late submissions will be accepted.* If your project is not complete at that time then email me whatever you have.